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Invited Talk: A Review of the Directional Signature for Dark Matter Searches

Monday, 23 June 2014 11:00 (30 minutes)

Over the past decade a world-wide experimental effort has grown significantly to the point where today there are over half a dozen directional dark matter experiments, with four collecting data underground. Although most of the efforts employ time projection chambers with low pressure gas-based targets, R&D on novel approaches in liquids and solids is also proceeding. We review the directionality signature in dark matter searches and give the current status of this diverse experimental efforts.

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